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WHAT IS CLAIMED IS:

- 1. A liquid crystal display device comprising a sealing material provided on a periphery of a substrate for preventing leakage of liquid crystal, projections formed by etching a film formed on the substrate, and another substrate opposing the substrate being remote therefrom by a gap and being supported by the projections, wherein an area occupying rate of the projections with respect to a region enclosed by the sealing material is not less than 0.0001 and not more than 0.003.
- 2. The liquid crystal display device of Claim 1, wherein the area occupying rate is not less than 0.001 and not more than 0.002.
 - 3. The liquid crystal display device of Claim 1, wherein the area occupying rate is not less than 0.001 and not more than 0.0015.
- 4. The liquid crystal display device of any one of Claims 1 to 3, wherein the film is formed of acrylic resin.
- 5. A liquid crystal display device comprising a sealing material provided on a periphery of a substrate for preventing leakage of liquid crystal, projections formed by etching a film formed on the substrate, and another substrate opposing the substrate being remote therefrom by a gap and being supported by the projections, wherein heights of columnar spacers are varied.

- 6. The liquid crystal display device of claims 5, wherein the
 heights are different by not less than 0.05 μm.
- 1 7. A method for manufacturing liquid crystal display device comprising the steps of forming projections by etching a film formed 2 on a substrate, applying a sealing material on a periphery of the 3 4 substrate in an annular form expect for an injection inlet for liquid crystal, overlapping another substrate onto the substrate with the 5 6 projections and the sealing material being interposed therebetween, 7 injecting liquid crystal through the liquid crystal injection inlet into a region enclosed by the sealing material, and applying a pressure of not 8 9 less than 1,000 Pa and not more than 40,000 Pa to surfaces of both 10 substrates.
- 8. The method of Claim 7, wherein a pressure of not less than 1,000 Pa and not more than 20,000 Pa is applied onto the surfaces of the substrates.
- 9. The method of any one of Claims 7 to 8, wherein a sealing agent is applied to the liquid crystal injection inlet simultaneously with applying pressure to surfaces of both substrates.
- 1 10. A method for manufacturing a liquid crystal display 2 device comprising the steps of forming projections by etching a film 3 formed on a substrate, applying a sealing material on a periphery of 4 the substrate in an annular form expect for an injection inlet for liquid 5 crystal, overlapping another substrate onto the substrate with the

- 6 projections and the sealing material being interposed therebetween,
- 7 injecting liquid crystal through the liquid crystal injection inlet into a
- 8 region enclosed by the seal agent, and applying a sealing agent to the
- 9 injection inlet of the liquid crystal display device after elapse of a
- specified time from completion of injecting liquid crystal.